

Product Datasheet

Chorionic Gonadotropin beta Chain (hCG beta) Antibody (HCGb/459) [DyLight 405LS] NBP2-34631V3

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34631V3

Chorionic Gonadotropin beta Chain (hCG beta) Antibody (HCGb/459) [DyLight 405LS]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HCGb/459
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	DyLight 405LS
Purity	Protein A purified
Buffer	50mM Sodium Borate
Target Molecular Weight	22 kDa

Product Description	
Host	Mouse
Gene ID	1082
Gene Symbol	CGB3
Species	Human
Marker	Pregnancy & Choriocarcinoma Marker
Specificity/Sensitivity	This monoclonal antibody reacts with a protein of 22kDa, identified as beta sub-unit of HCG. It does not cross react with the alpha sub-unit. HCG is a glycoprotein, which is secreted in large quantities by normal trophoblasts. It is present only in trace amounts in non-pregnant urine and sera but rises sharply during pregnancy. HCG is composed of two non-identical, non-covalently linked polypeptide chains designated as the subunit is identical to that of thyroid stimulating hormone (TSH) follicle stimulating hormone (FSH), and luteinizing hormone (LH). HCG monoclonal antibody detects cells and tumors of trophoblastic origin such as choriocarcinoma. Large cell carcinoma and adenocarcinoma of the lung demonstrate anti-hCG positivity in 90% and 60% of cases respectively. 20% of lung squamous cell carcinomas are positive. HCG expression by non-trophoblastic tumors may indicate aggressive behavior.
Immunogen	Recombinant full-length Chorionic Gonadotropin beta Chain (hCG beta) protein (Uniprot: P01233)
Notes	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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